(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 27 May 2004 (27.05.2004)

(10) International Publication Number WO 2004/044896 A3

(51) International Patent Classification7:

G06F 15/16

(21) International Application Number:

PCT/IL2003/000938

(22) International Filing Date:

10 November 2003 (10.11.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/425,728

13 November 2002 (13.11.2002)

- (71) Applicants (for all designated States except US): KEN-NETH, Nadav [IL/IL]; 30 Ha-Mazbiim Street, 69935 Tel Aviv (IL). MIZRAHI, Moshe [IL/IL]; 21 Avner Street, 69937 Tel Aviv (IL).
- (71) Applicant and
- (72) Inventor: SEBBANE, Danny [IL/IL]; 18 Adam Hacohen Street, 64585 Tel Aviv (IL).
- (74) Agent: NAOMI ASSIA LAW OFFICES; 32 Habarzel Street, Ramat Hachayal, 69710 Tel Aviv (IL).

- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PI, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report: 8 July 2004

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD AND SYSTEM FOR USING QUERY INFORMATION TO ENHANCE CATEGORIZATION AND NAVI-GATION WITHIN THE WHOLE KNOWLEDGE BASE

(57) Abstract: A method is disclosed to create some structure from the knowledge base of an organization, the knowledge base including a document database (DB) and queries submitted by users concerning the documents, wherein the method performs monitoring and clustering to enable analysis of the ideas of the organization. The first step of the method involves users submitting queries by entries on a graphical user interface (GUI). Subsequent steps include recording the queries of the organization, which includes saving submitter and organization information, comparing queries using a weight matrix generated by a distance function and clustering of the queries into a semantic structure.

